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Application Number	10/621,430]
Filing Date	July 16, 2003	
First Named Inventor	James D. Shaw	
Group Art Unit	3727]
Examiner Name		
Attorney Docket Number	CDS5015	1

		U.S. Patent Doo	ument			
Examiner Initials	Cite No.¹	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
/P.K.W.		3,950,917		Choksi et al	04-20-1976	
/P.K.W./		5,145,646		Tyranski	09-08-1992	
/P.K.W./		5,582,222		Riall	12-10-1996	
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FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or Examiner Cite passages or relevant т mm-dd-yyyy Applicant of Cited Document Initials figures appear Office¹ Number⁴ KindCode⁵ No.1

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Examiner Initials	Cite No.1	Number		Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Documer	or relevant figures at	2028
/P.K.W	Γ	5,540,89	0		Clark et al.	07-30-1996		
/P.K.W./		5, 145, 64	6		Tyranski	09-08-1992		
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/P.K.W./		6,651,305	B2	FASSBIND et al.	11-25-2003	
P.K.W./		6,375,898	81	ULRICH	04-23-2002	
/P.K.W./		6,281,008	81	KOMAI et al.	04-28-2001	

Foreign Patent Document Name of Patente or

Examiner Cite Initials No.1		Office ³ Number ⁴ KindCode ⁵			Name of Patentee or	of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ^a
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		EP	0536 460	A1	LENZI			

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		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	
/P.K.W./		·		5,533,407		Joseph Besnier	07-09-1996
					 		
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FOREIGN PATENT DOCUMENTS Date of Publication Pages, Columns, Lines, Foreign Patent Document of Cited Document where relevant Name of Patentee or passages or relevant Examiner Cite mm-dd-yyyy Applicant of Cited Document figures appear Initials Number⁴ KindCode⁵ No.1 Office³ P.K.W 01-10-2001 EP 1 066 882 Becton Dickinson Co. Fisons PLC GB 10-26-1983 2 118 155 EP 0 907 083 Hoffmann La Roche 04-07-1999 P.K.W. ΕP 0 383 564 Eastman Kodak Co. 08-22-1990

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